

FIG. 1A

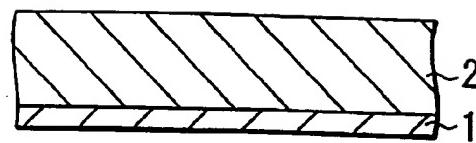


FIG. 1B

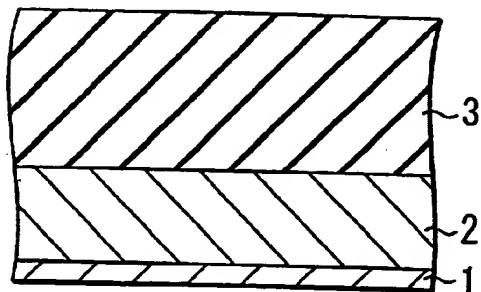


FIG. 1C

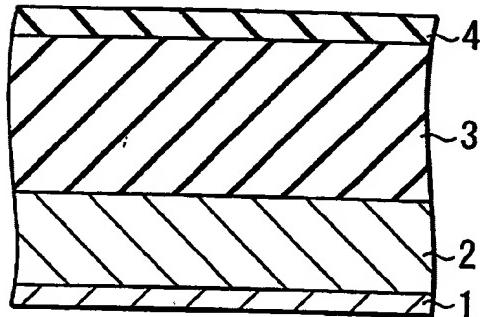


FIG. 1D

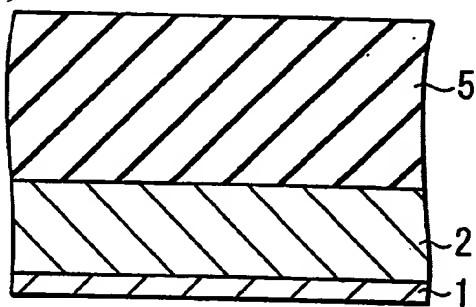
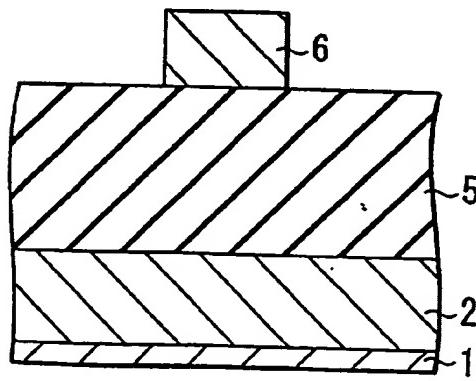
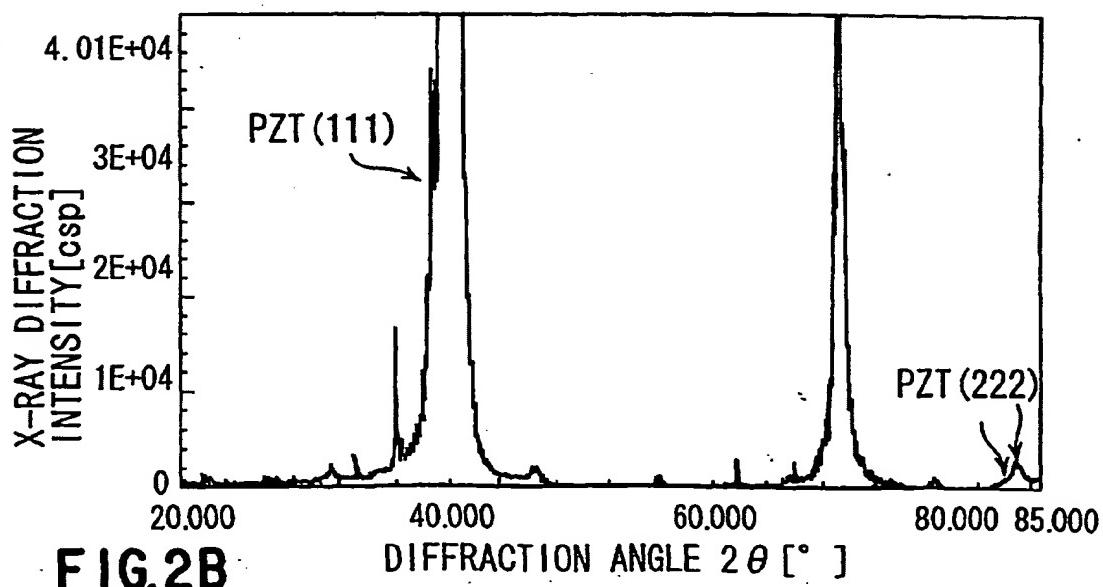
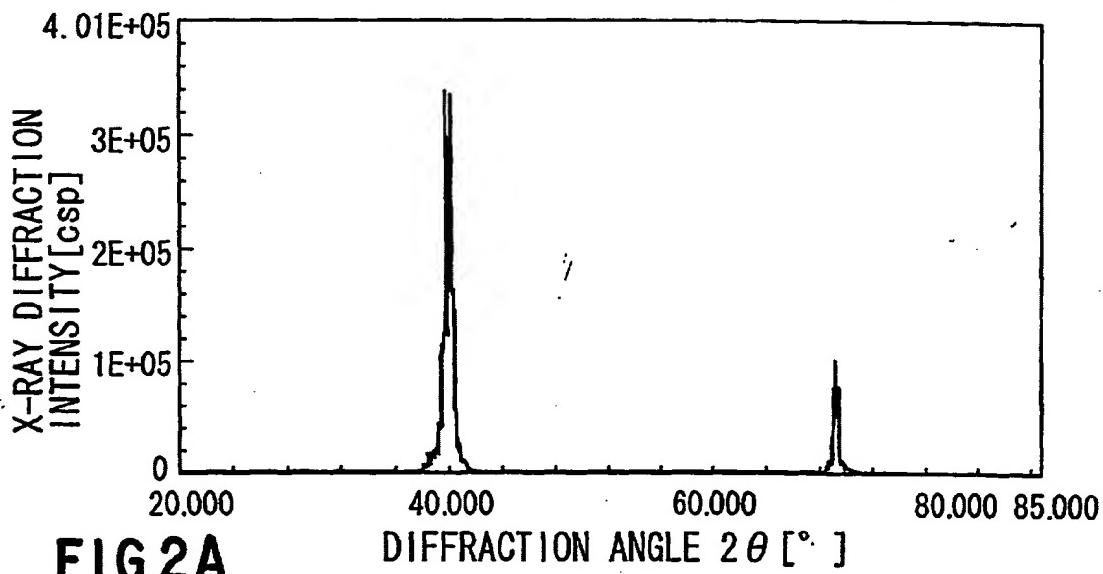


FIG. 1E



TUBULAR BULB: Cu
(WAVELENGTH: 1.54056Å)
TUBULAR BULB VOLTAGE: 44KV
TUBULAR BULB CURRENT: 250mA
GONIOMETER: WIDE-ANGLE
GONIOMETER
STEP WIDTH: 0.040°
TIME FOR MEASUREMENT: 0.50sec
SCANNING AXIS: $2\theta/\theta$

DIVERGENCE SLIT: 1/2°
DIFFRACTION SLIT: 1/2°
LIGHT RECEIVING SLIT: 0.15mm
LIGHT RECEIVING SLIT OF MONOCHROMATER:
LIGHT RECEIVING SLIT: 0.45mm
 θ OFFSET ANGLE: 0.000°



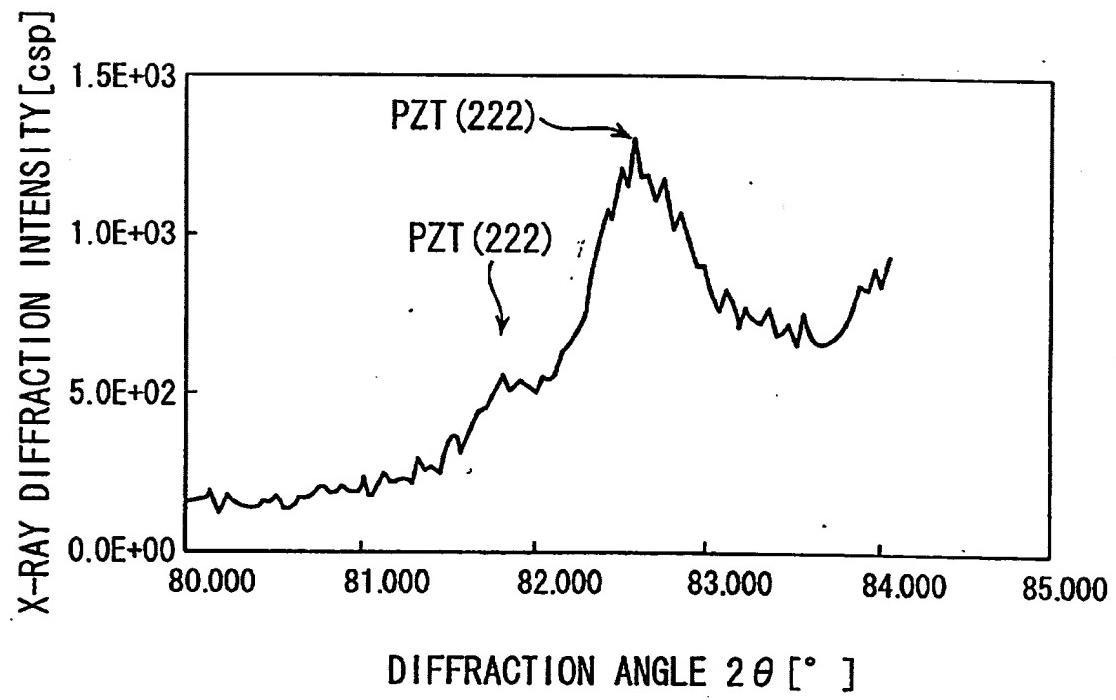


FIG.2C

090011223300 024400

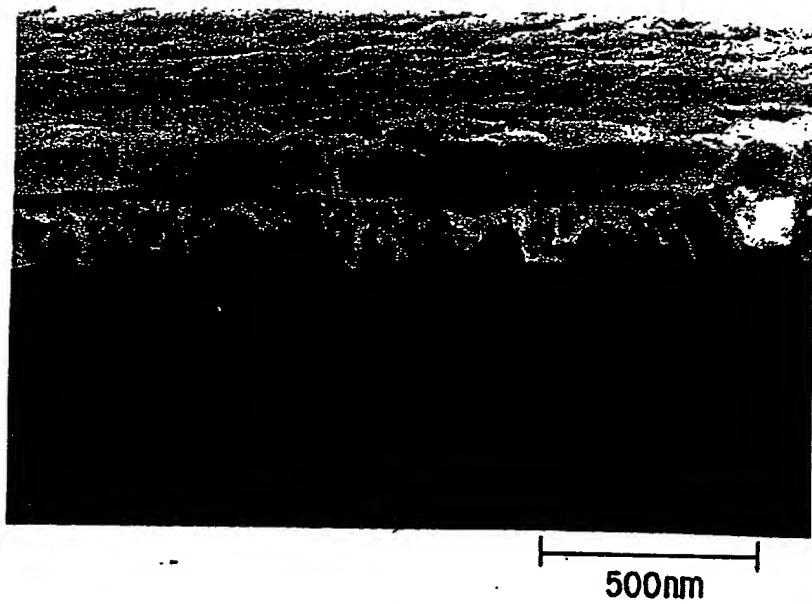


FIG. 3A

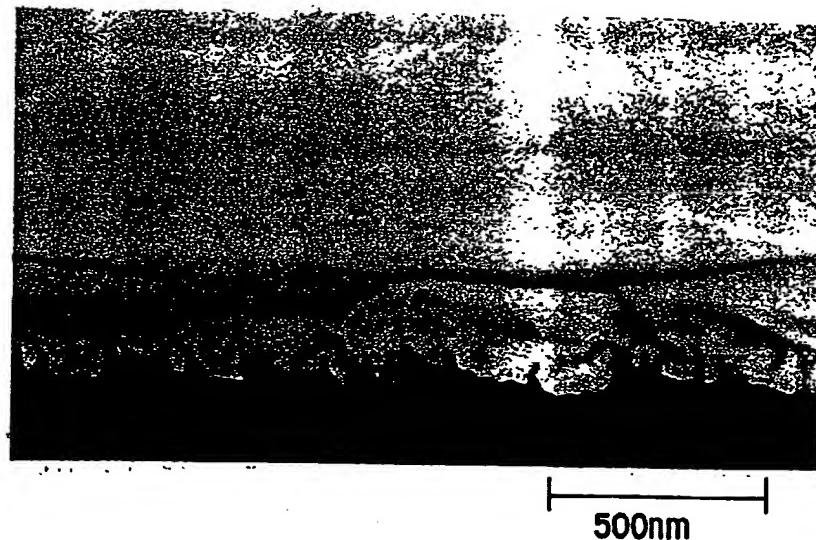


FIG. 3B

FIG.4

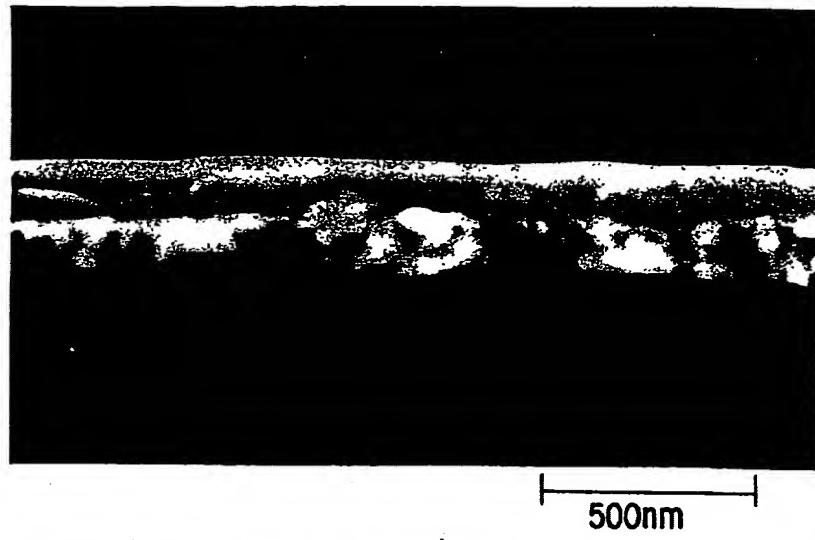


FIG.6A

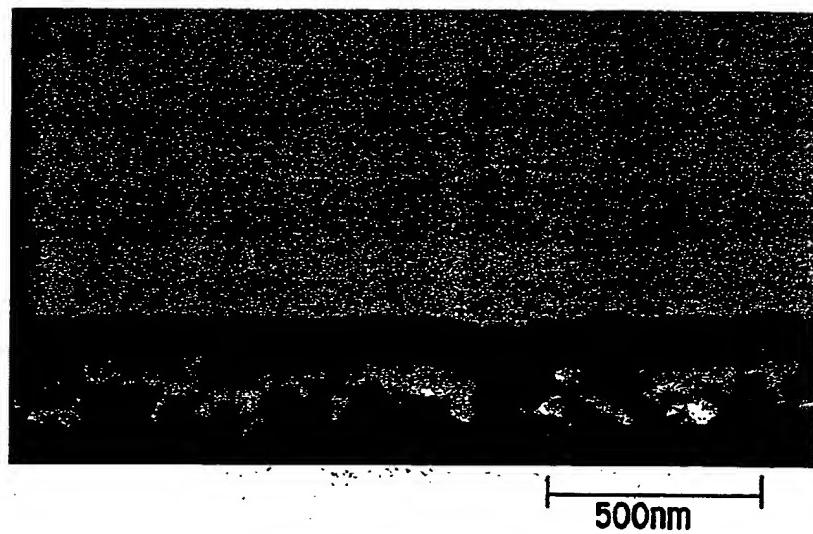
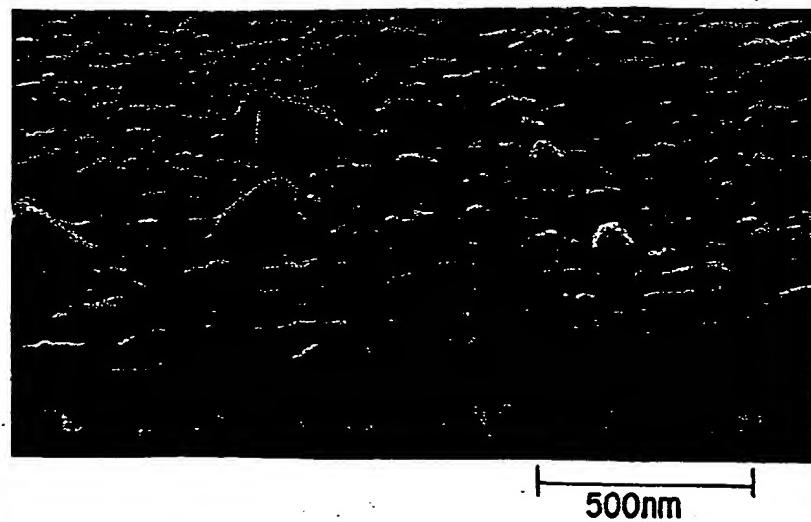


FIG.6B



0014401 0024360 0034360 0044010

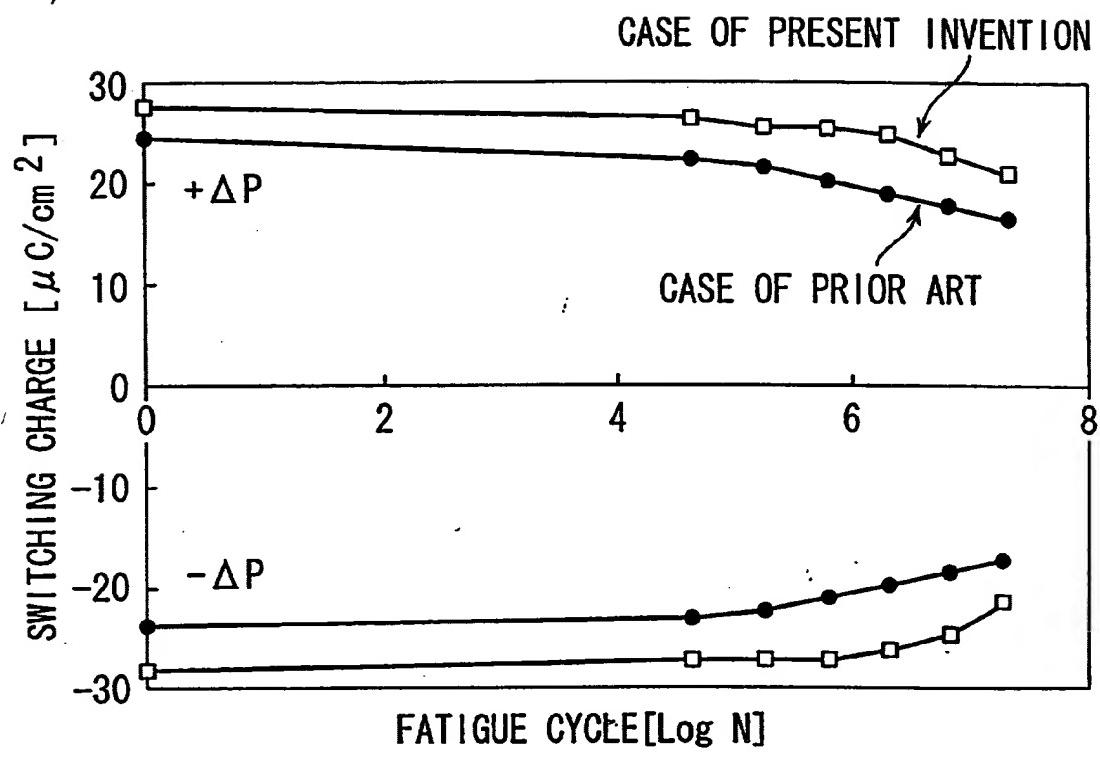


FIG. 5

0044720019674760

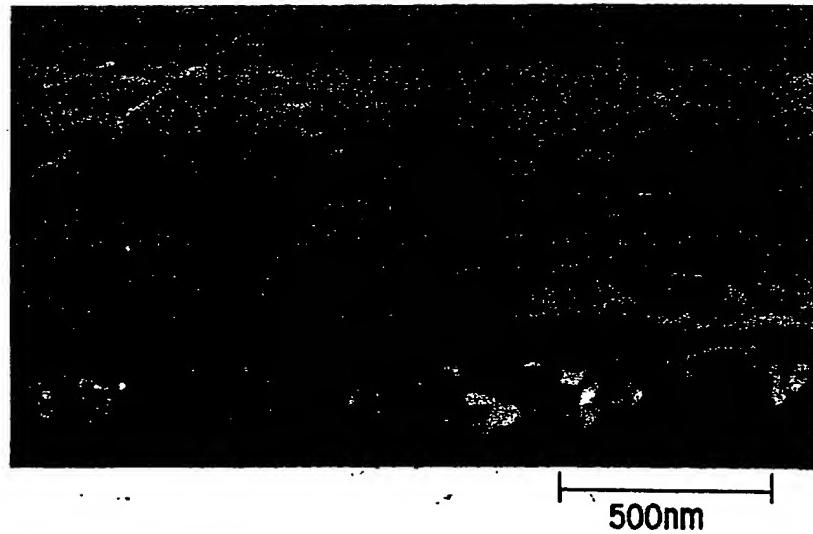


FIG. 7A

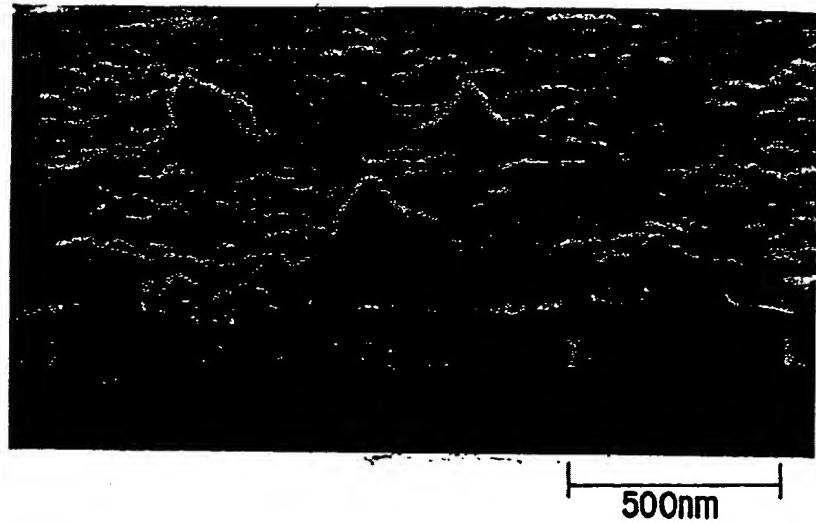


FIG. 7B

FIG. 8A

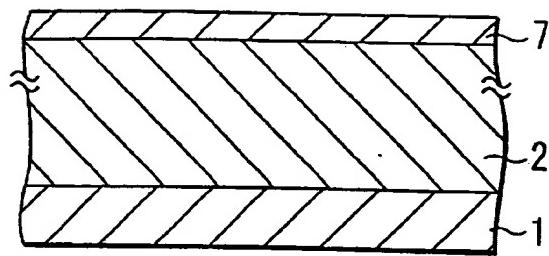


FIG. 8B

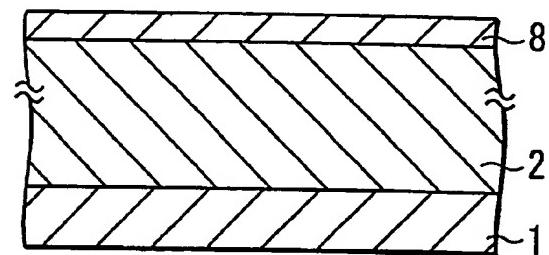


FIG. 8C

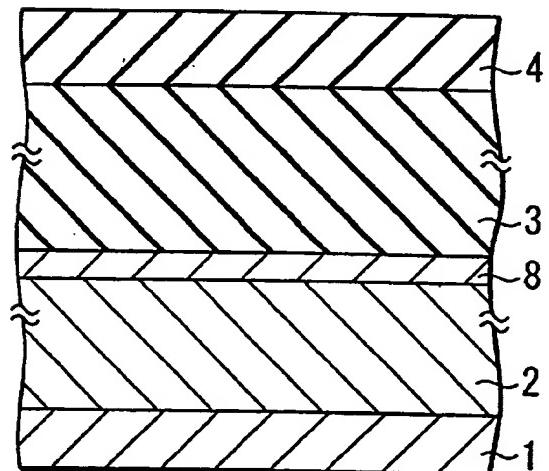
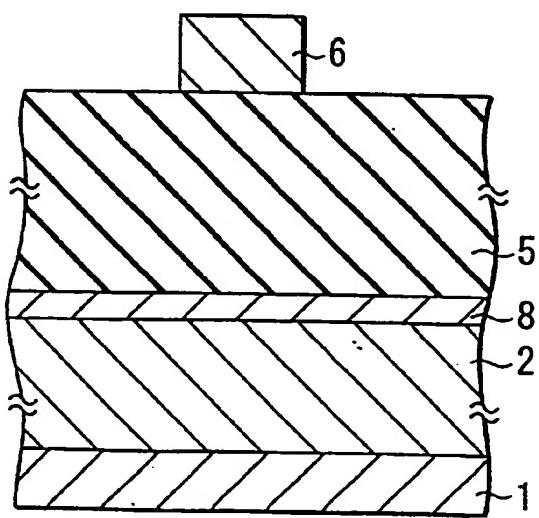


FIG. 8D



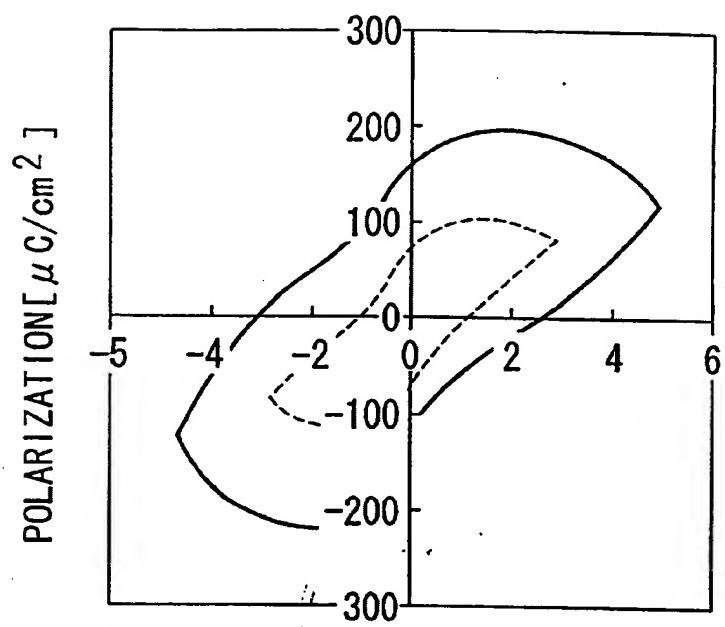


FIG. 9A

APPLIED VOLTAGE [V]

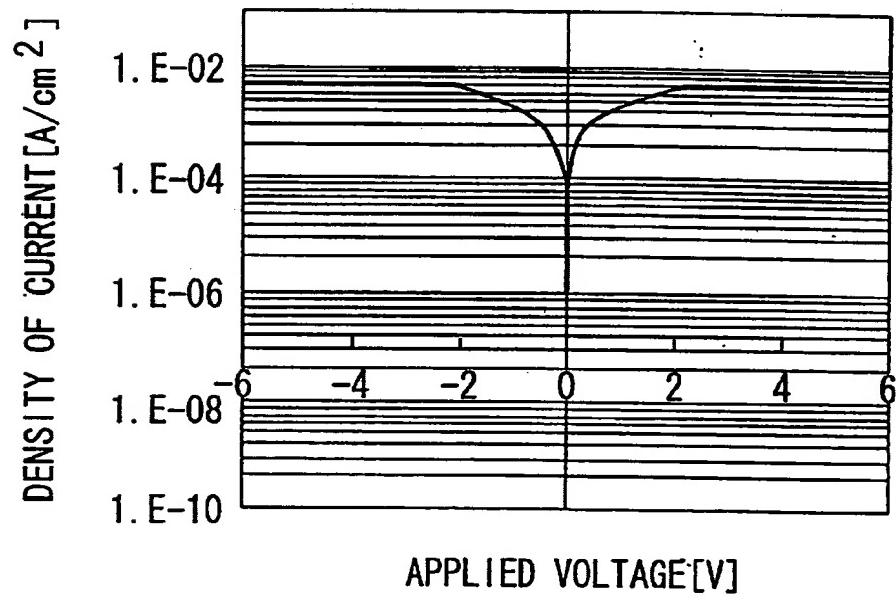


FIG. 9B

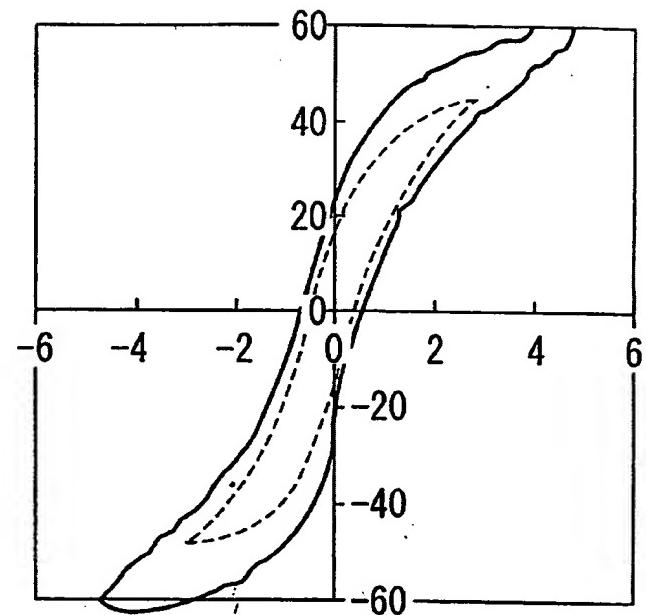


FIG. 10A APPLIED VOLTAGE [V]

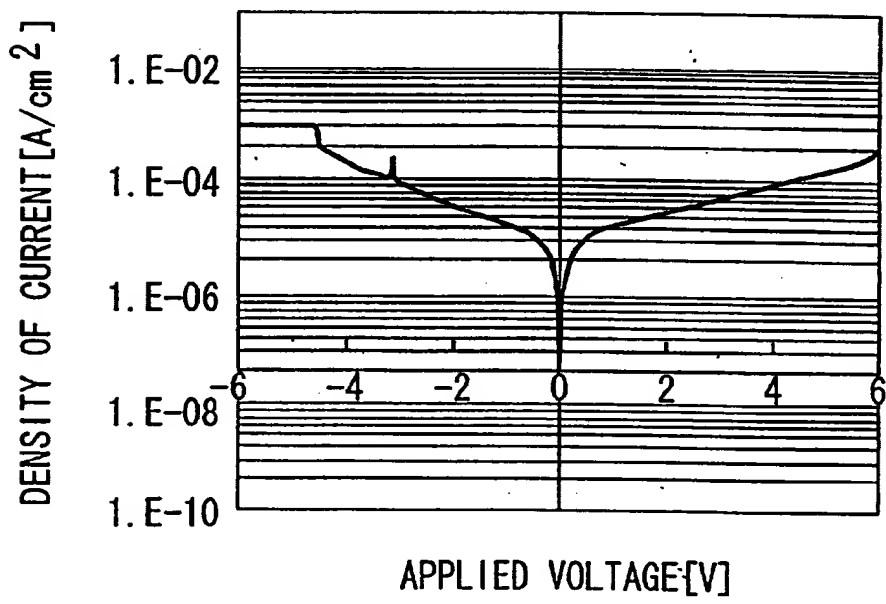


FIG. 10B

004729 26747960

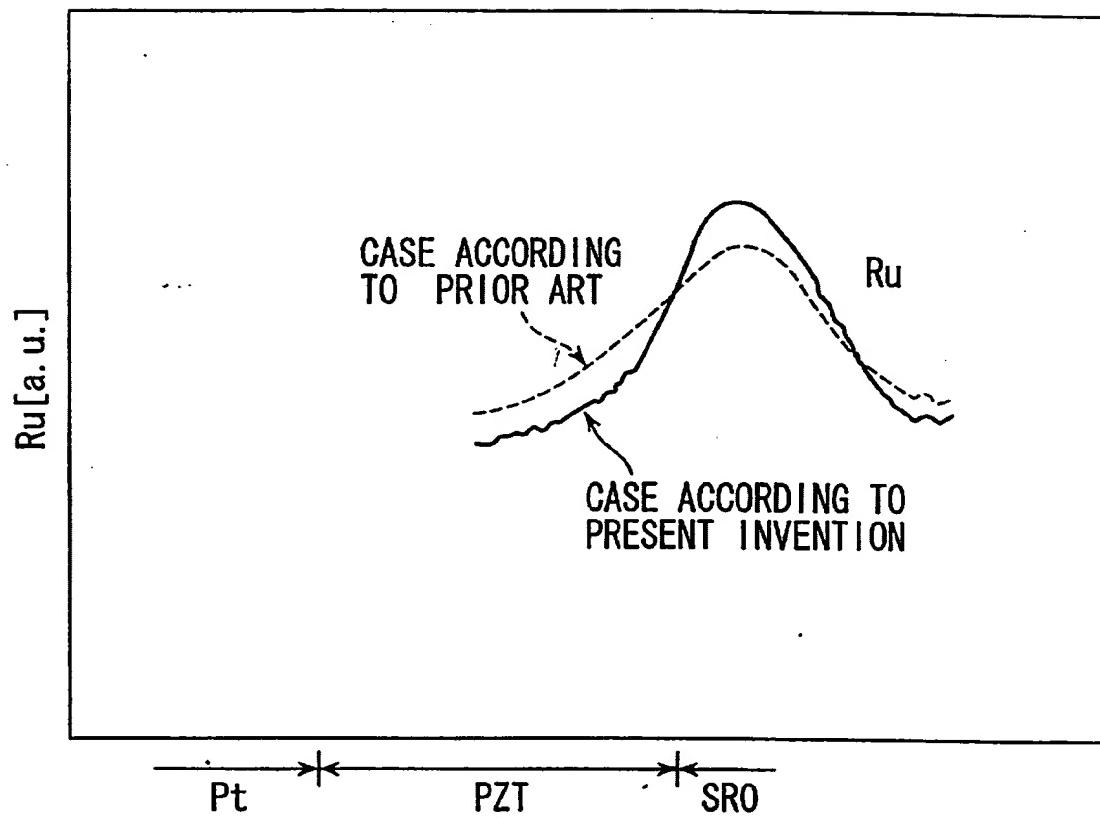
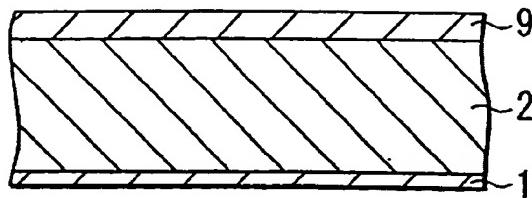
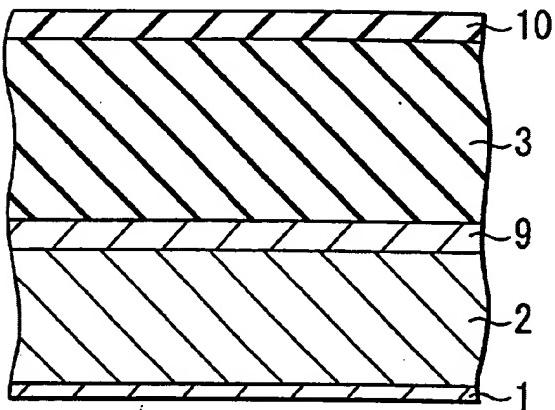
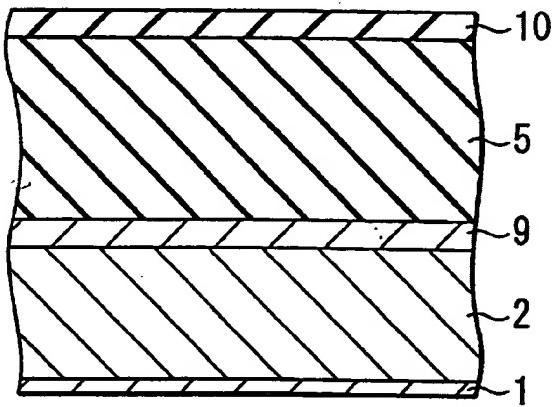
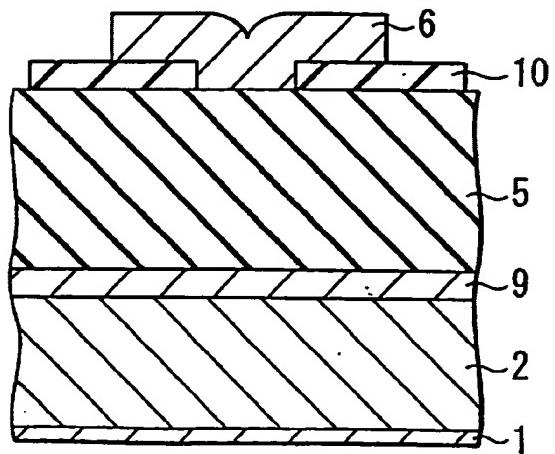


FIG. 11

FIG. 12A**FIG. 12B****FIG. 12C****FIG. 12D**

004720 "SET 2 960

FIG. 13A

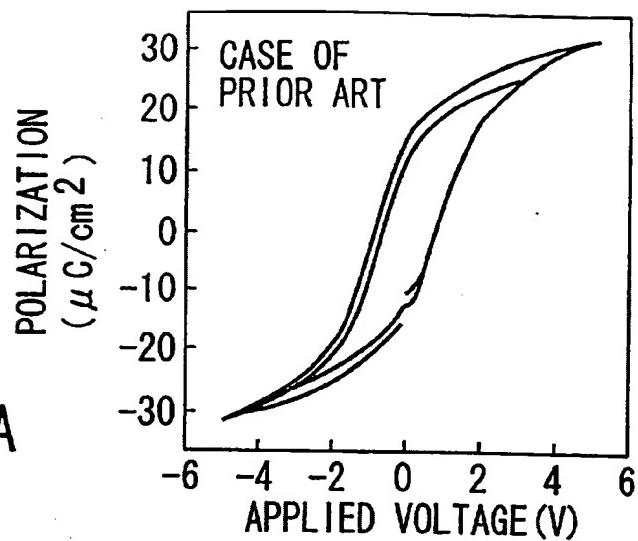
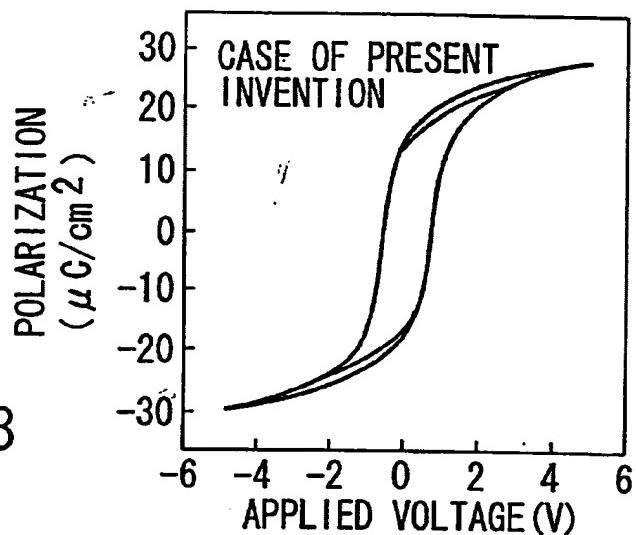


FIG. 13B



RESIDUAL POLARIZATION
AMOUNT [$\mu\text{C}/\text{cm}^2$]

CASE OF PRESENT INVENTION

+ ΔP

CASE OF
PRIOR ART

-5
0
5
10
15
20

0
3
6
9
12

- ΔP

FIG. 14

POLARIZATION INVERSION
FREQUENCY [Log N]

FIG. 15A

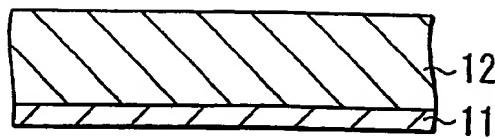


FIG. 15B

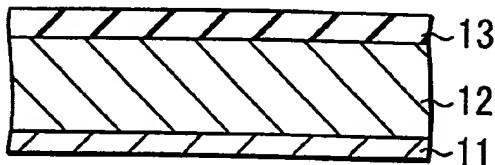


FIG. 15C

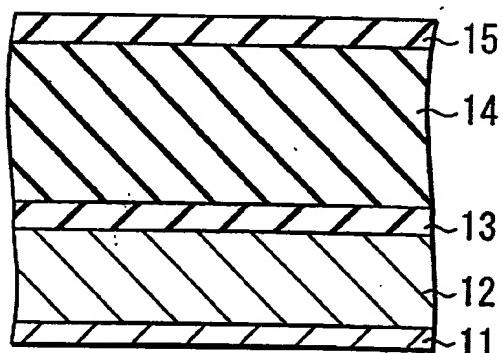


FIG. 15D

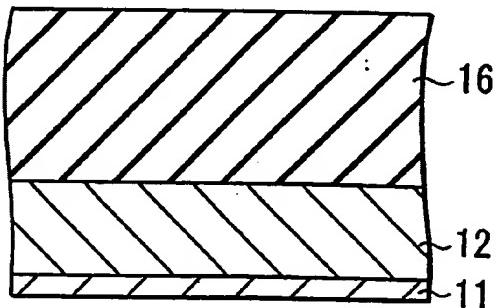
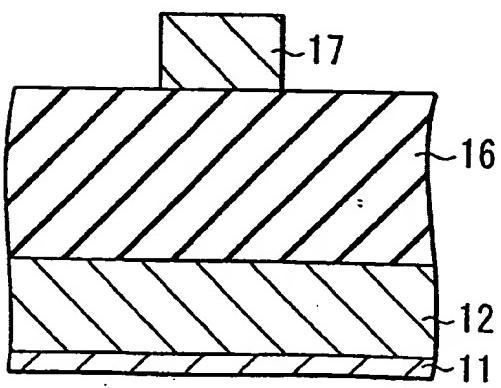


FIG. 15E



00472709 - 0074327461



FIG. 16

FIG. 17



09647438 • 021400

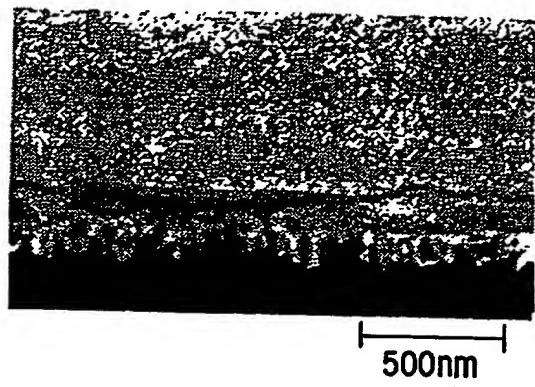


FIG. 18A

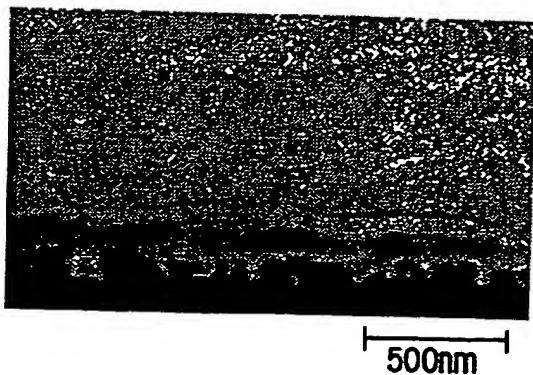


FIG. 18B

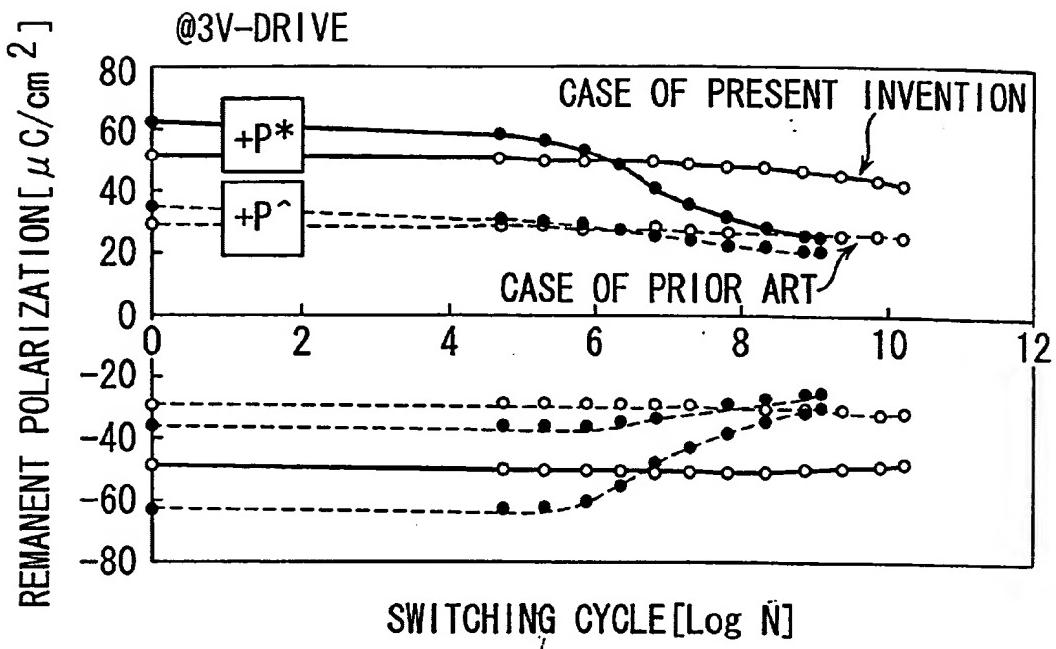


FIG. 19

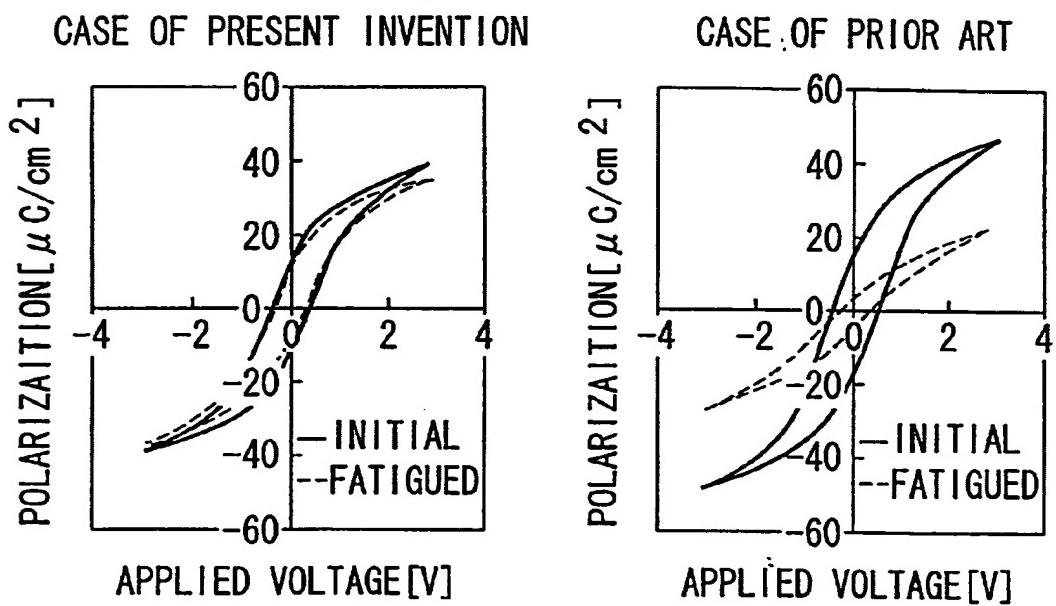


FIG. 20A

FIG. 20B

FIG. 21A

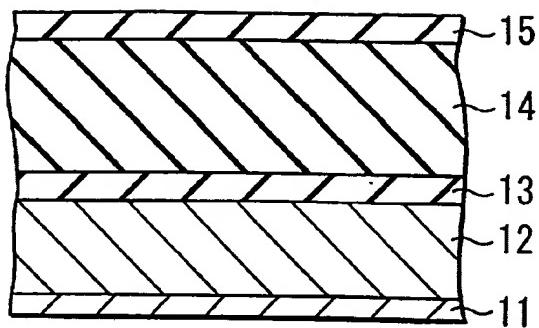


FIG. 21B

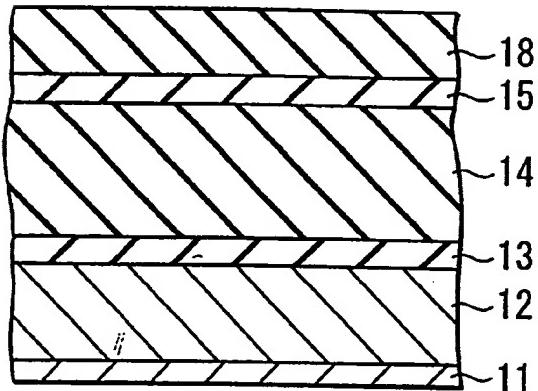


FIG. 21C

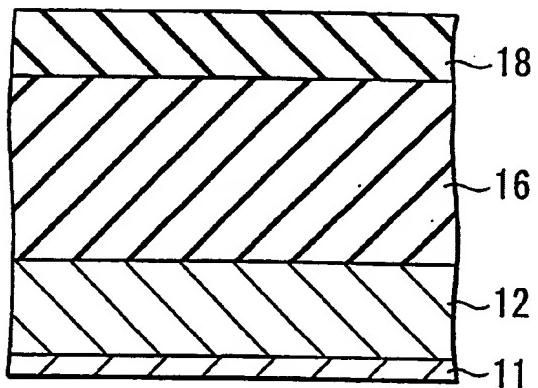


FIG. 21D

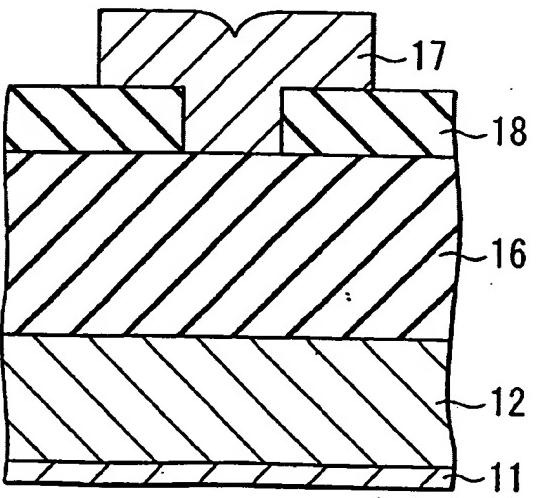


FIG. 22A

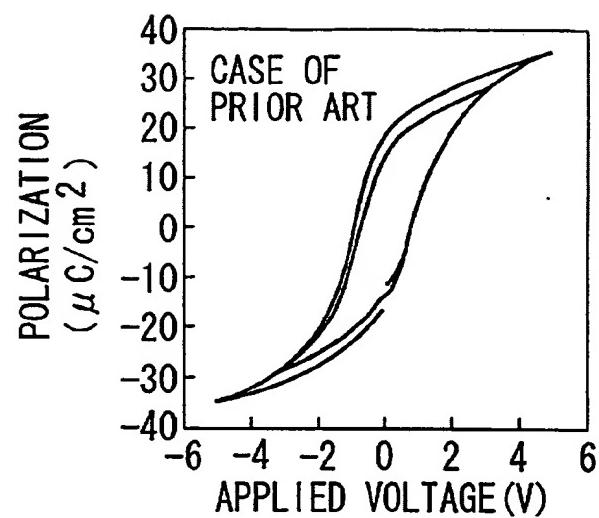


FIG. 22B

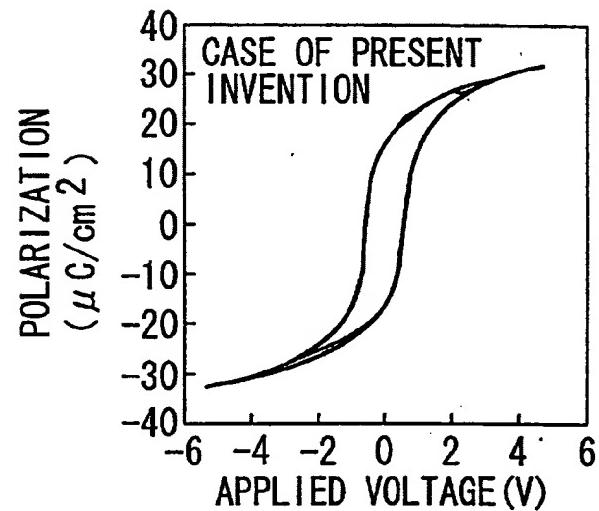
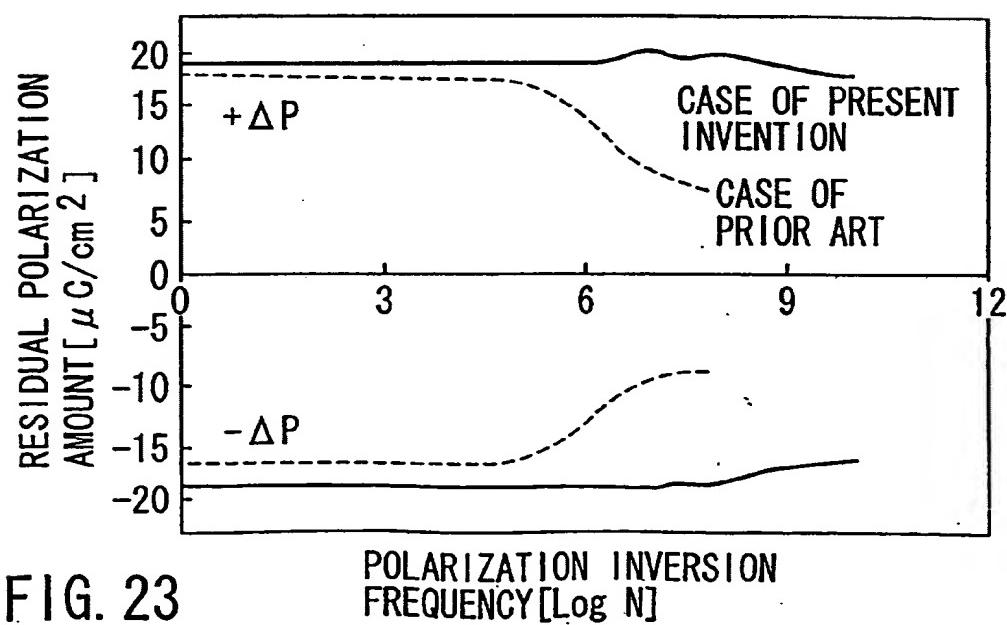
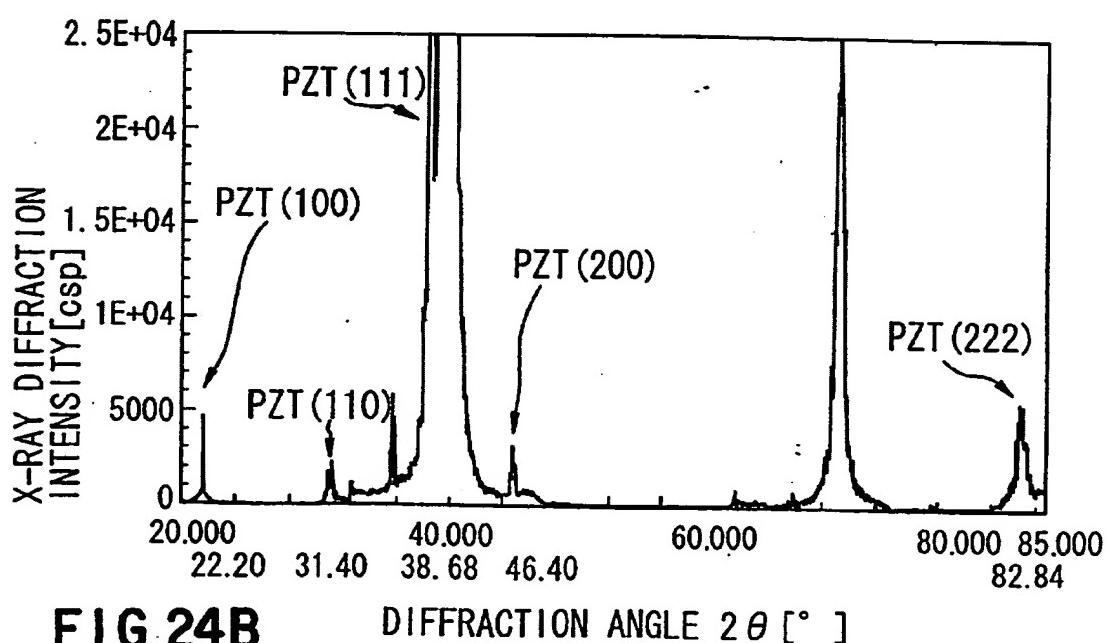
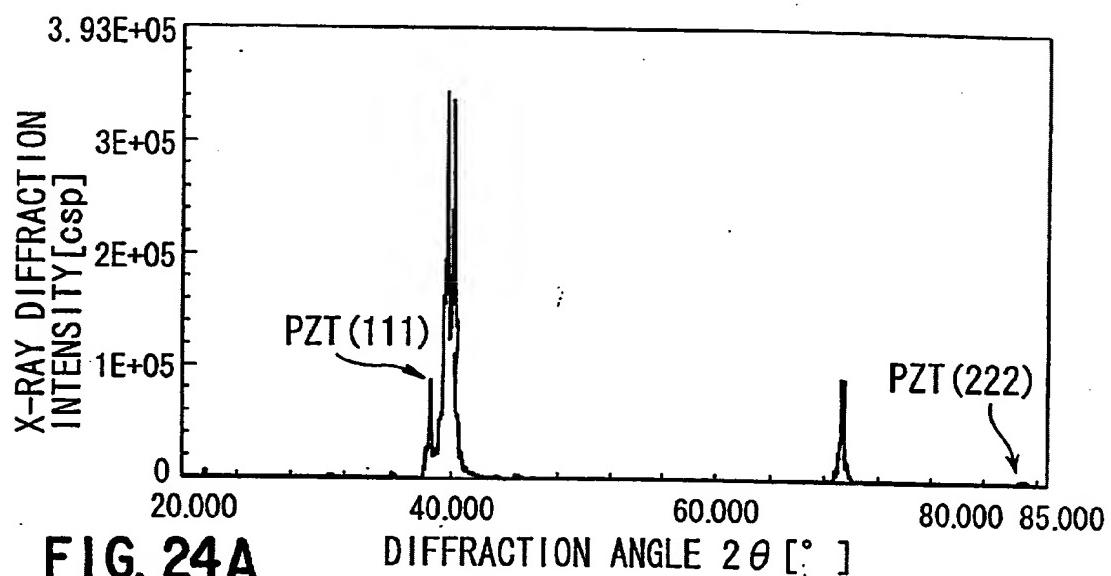


FIG. 23



TUBULAR BULB: Cu
TUBULAR BULB VOLTAGE: 44KV
TUBULAR BULB CURRENT: 250mA
GONIOMETER: WIDE-ANGLE
GONIOMETER
STEP WIDTH: 0.040°
TIME FOR MEASUREMENT
: 0.50sec
SCANNING AXIS: $2\theta / \theta$

DIVERGENCE SLIT: 1/2°
DIFFRACTION SLIT: 1/2°
LIGHT RECEIVING SLIT: 0.15mm
REVOLUTION SPEED: 60 rpm/min
LIGHT RECEIVING SLIT OF
MONOCHROMATER:
LIGHT RECEIVING SLIT: 0.45mm
 θ OFFSET ANGLE: 0.000°



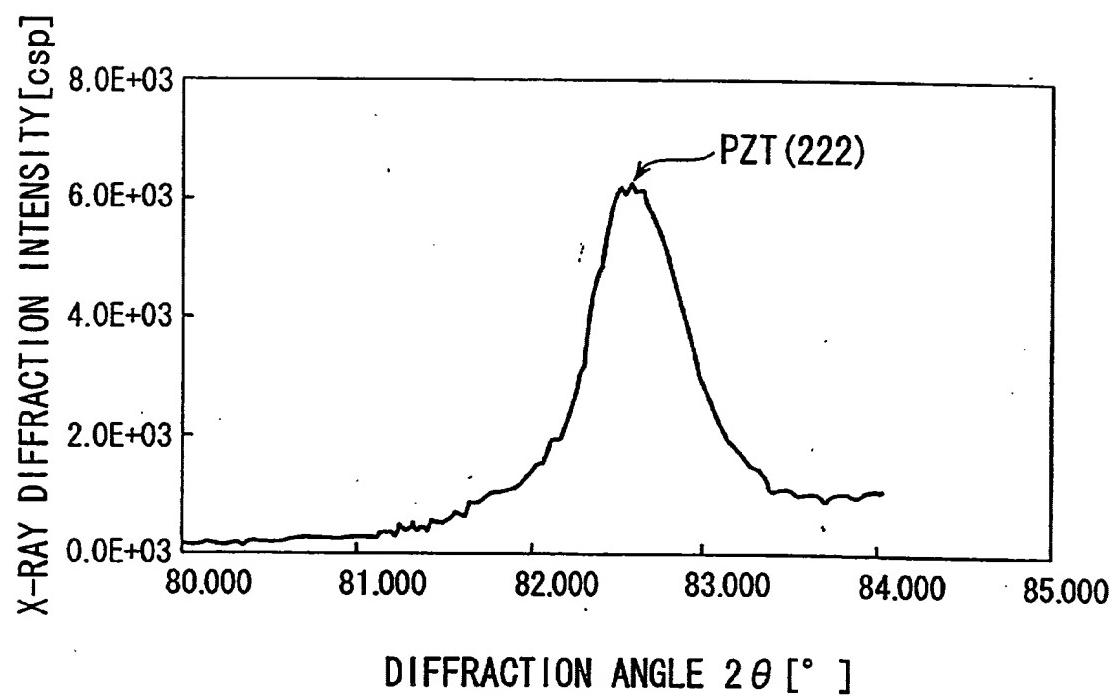


FIG. 24C

Y-AXIS:P(POLARIZATION)
 X-AXIS:V(APPLIED VOLTAGE)
 Pr+:POINT OF INTERSECTION
 OF HYSTERESIS CURVE WITH
 POSITIVE SIDE OF Y-AXIS
 Pr-:POINT OF INTERSECTION
 OF HYSTERESIS CURVE WITH
 NEGATIVE SIDE OF Y-AXIS

$$2Pr = Pr_+ - Pr_-$$

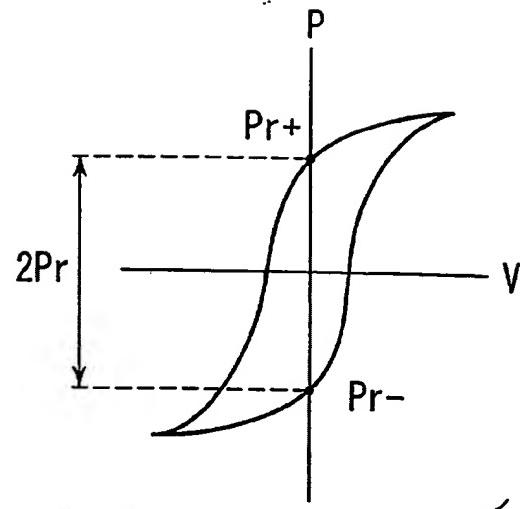


FIG. 25

Psat. +:POSITIVE SATURATION
 POLARIZATION AMOUNT

Psat. -:NEGATIVE SATURATION
 POLARIZATION AMOUNT

$$\text{RECTANGULARITY RATIO} = \frac{Pr_+}{Psat. +} \& \frac{Pr_-}{Psat. -}$$

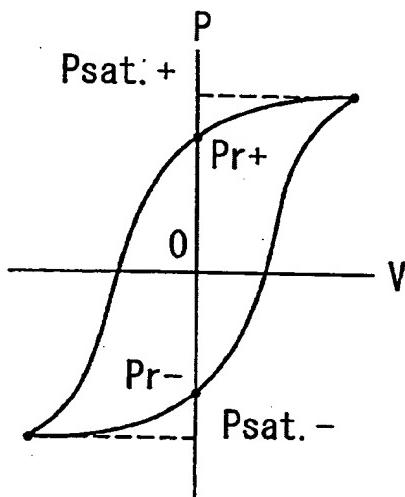


FIG. 26